

HUNTERS POINT NAVAL SHIPYARD BASE REALIGNMENT AND CLOSURE CLEANUP TEAM MEETING MINUTES

May 30, 2012

These minutes summarize the meeting of the Hunters Point Naval Shipyard (HPNS) Base Realignment and Closure (BRAC) Cleanup Team (BCT) held on May 30, 2012 at CH2M HILL's office in Oakland, California. Participants in the meeting included the BCT, which is made up of representatives from the U.S. Navy, the U.S. Environmental Protection Agency (USEPA), the California Department of Toxic Substances Control (DTSC), and the San Francisco Bay Regional Water Quality Control Board (Water Board). The City of San Francisco (City), their consultants, the Lennar team of developers, and Navy consultants also attended the meeting. These minutes describe the key points, decisions, and action items agreed to at the meeting. A list of attendees is included as Attachment A. The document review table is included as Attachment B. Action items from the meeting are included as Attachment C.

1.0 Navy Business/Action Items (Keith Forman, Navy)

Keith Forman (Navy) began the meeting with introductions. Ms. Tina Low and Mr. Ross Steenson (Water Board), Mr. Craig Cooper (USEPA), and Ryan Miya (DTSC) were present to represent the regulatory agencies involved on the project.

Action Items from the previous meeting include the following:

- Ms. Lara Urizar (Navy) will send the regulatory agencies Draft Responses to Comments (RTCs) on the Action Memorandum for a preliminary review during the week of April 30, 2012. *Completed.*
- The Navy will work with California Department of Fish and Game (CDFG) to set up a site walk at Parcels E and E-2 for a CDFG biologist. *Completed.*
- Ms. Karla Brasaemle (Tech Law) will check with the USEPA on the status of the Final Finding of Suitability to Transfer (FOST) for Parcel D-2 concurrence letter. *Completed. Letter was submitted.*
- The Navy and Ms. Leslie Lundgren (KCH) will work together to get the schedule for the Parcel B/G Remedial Action Work Plan added to the BCT schedule summary. *Completed.*
- Navy will discuss Submarine Pens and Dry Docks 5 through 7 with Laurie Lowman (Navy) to see why they have historically been included on maps showing them as radiologically impacted when they were not identified in the Historic Radiological Assessment Report. *Completed.*

2.0 Radiological Update (Chris Yantos, Navy)

Mr. Yantos began the radiological program update and summarized the Crisp Road/Parcel E sanitary sewer and storm drain removals and building surveys. Mr. Yantos said that the Navy has received free release letters from California Department of Public Health (CDPH) on Building 414 and Sites 701 and 704. The Final Status Survey (FSS) for Site Installation Restoration (IR)-04 and Building 807 was submitted on February 10, 2012, and CDPH requested confirmation

samples which have been provided. The Final UC-3 Radiological Remedial Action Completion Report (RACR) was submitted on March 16, 2012 and the Navy has received DTSC and CDPH concurrence on the RACR and is awaiting a free release letter. The Navy is still waiting on a concurrence letter from USEPA. The Navy thanked CDPH for their work on the project. Mr. Forman noted that if DTSC or USEPA wanted to take split samples or collect confirmation samples from the site, they are welcome to do so.

Mr. Yantos provided photos of the backfilling at survey unit 243 in Parcel C.

The sanitary sewer and storm drain removal began in Parcel C on January 4, 2011. To date, 22,907 linear feet of sanitary sewer and storm drain lines have been removed, which is about 65 percent of the project. The Navy has excavated 35,979 cubic yards of materials and restored/repaved 34 of 41 active survey units.

Mr. Yantos summarized the Parcel C building surveys. The Final FSS Report for Building 214 was submitted on November 2, 2011. The Navy has received a free release letter for Building 214 from CDPH. CDPH performed confirmation surveys of Building 271, 272, 203, and 241 on either May 22 or 23, 2012. Characterization, remediation, and sampling at the North Pier is ongoing.

The fieldwork at the Parcel E 500 Series is complete. The internal Draft FSS for Buildings 500, 503, 509, 529, and 510/510A are currently under Navy review. The Draft FSS for Buildings 521 is currently in regulatory review. Scans have been completed and the Navy is awaiting off-site analytical results for the Buildings 506, 517, and 520 and Shacks 79/80 sites. Survey activities have resumed at the Buildings 507 and 508 sites, and the 500 Series Area scanning and sampling is 70 percent complete.

The Parcel E 500 Series storm drain and sewer removals began on July 12, 2011. The Navy has removed 14,637 linear feet of the storm drain and sanitary sewers which is about 38 percent of the total removal area. The Navy has excavated 30,636 cubic yards of soil and have restored 14 of 21 active survey units.

Remaining field activities at the Parcel E 500 Series include complete removal of the asphalt along the southern side of Building 606 and completion of the survey and sampling activities at Former Building Sites 507 and 508. The Navy will need to relocate Building 606 tenant materials and equipment stored along H Street to Hussey Street so that they can continue with asphalt and storm drain and sanitary sewer removals along H Street.

Mr. Yantos noted that the Final Gun Mole Pier Task Specific Addendum was issued and work commenced on May 14, 2012. Subsurface vault and manhole sediment sampling along the pier is complete. The Navy will continue removing the utility corridors, concrete pads and structures, and the additional vaults and manholes encountered during the work. The gamma spectroscopy data have been accepted for 70 of 74 survey units.

Additional field work at the South Pier will start in June 2012 and will include subsurface and utility corridor sampling and removal of the concrete pads and structures in contaminated units.

In Parcel D-1, at Building 383 the Navy will remove the concrete foot foundation and survey the exposed soil. Buildings 313, 313A and 322 Sites have been surveyed and sampled and the internal draft FSS report is currently in Navy review.

The Final Parcel B RACR was submitted to the regulatory agencies in March 2012, and the Navy is awaiting free release letters from the USEPA and CDPH. The Final Parcel G RACR with RTCs has received free release. The Final Parcel UC-3 Radiological RACR with RTCs was issued in March 2012. The Navy is awaiting a free release letter from USEPA and CDPH. The Parcel D-2 and UC-1/2 Radiological RACRs have received free release letters.

Mr. Yantos noted that the second version of the Draft Radiological Risk and Dose Modeling for Sites IR-07/18 was submitted on September 12, 2011. The Navy and CDPH held a meeting on April 2, 2012 to identify specific sections requiring revisions. The Navy has revised the text and provided additional information according to comments received by CDPH. The Navy anticipates a final revision to the document in mid-June 2012.

3.0 Remedial Unit (RU)-C2 Pre-Characterization

Ms. Melanie Kito (Navy) noted that Mr. Mehrdad Javaherian (Sullivan) and Mr. Bob Hunt (Navy) have resigned from the project. Sullivan will continue working on the project but it will be handled by a new project manager. Ms. Kito noted that they are going to use a Remedial Project Manager (RPM) from the Alameda Point Navy team to fill in for Mr. Hunt.

The key features of RU-C2 are Buildings 258 and 251. There are two volatile organic compounds (VOCs) in groundwater. The primary groundwater chemicals of concern (COC) are trichloroethylene (TCE), tetrachloroethylene (PCE), and chlorobenzene. The primary soil COCs are arsenic, lead, zinc, and polycyclic aromatic hydrocarbons (PAHs). The planned remedial action in this area includes in-situ remediation of VOCs in groundwater using zero-valent iron (ZVI) and bioremediation. The areas for groundwater treatment were refined during the initial characterization studies in February 2012; these studies determined that collection of groundwater at Building 258 was not feasible due to shallow bedrock and so soil vapor samples were collected at nine locations. Ms. Kito showed a map of the soil vapor sample results that indicated benzene exceeded soil gas action levels (SGALs) for benzene, chloroform, PCE, and carbon tetrachloride, with carbon tetrachloride being the primary COC in the area.

In response to these concentrations, the Navy is proposing to use an air rotary rig to penetrate the bedrock and drill to 20 feet below ground surface at six locations. Two of these new sampling locations will assess the potential secondary source area coming from Building 217. Three locations will delineate the boundary of the proposed bioremediation area. One location will target the hot spot area near the middle of the identified plume area. Two of the locations will be drilled to 50 feet below ground surface to vertically delineate the COCs. Mr. Bruce Rucker (CE2) will forward the most recent groundwater sampling results from this area to the Navy for review and dissemination. The groundwater investigation is scheduled for June 11-15, 2012 with the technical memorandum to follow on July 5, 2012. The Draft Final Parcel C Remedial Design is supposed to be issued on July 2, 2012 and it may not be possible to get all the groundwater data collected during the RU-C2 investigation incorporated into the Remedial Design document unless there is a delay in the Remedial Design submission. The remedial action can't start until the remedial design has been approved. The Navy is proposing to start working on the remedial action work plan so that once the remedial design is finalized the draft work plan can be submitted for review. The regulatory agencies requested that the remedial design be delayed two weeks so that the groundwater data from RU-C2 can be incorporated. Ms. Kito noted that the regulators would need to do a quick review of the remedial design and flag any major issues in order for the work plan to be issued quickly thereafter.

Ms. Kito asked if the regulatory agencies wanted to weigh in on the locations of the proposed sample locations. Ms. Brasaemle asked that the point installed in the middle of the groundwater plume near monitoring well IR28MW188F be installed close enough to that well to calculate the vertical groundwater gradient at the site. Mr. Miya noted that it would be helpful if the temporary well locations could be more permanent in nature and used again in the future. Ms. Brasaemle feels that they need to collect a round of groundwater levels in this area to help define the potential direction of the groundwater plume. The Navy is going to stick with the proposed location of the groundwater sample points that was presented to the BCT unless they find a reason to move one of the locations based on the historical research they are going to do on the buildings around the plume area.

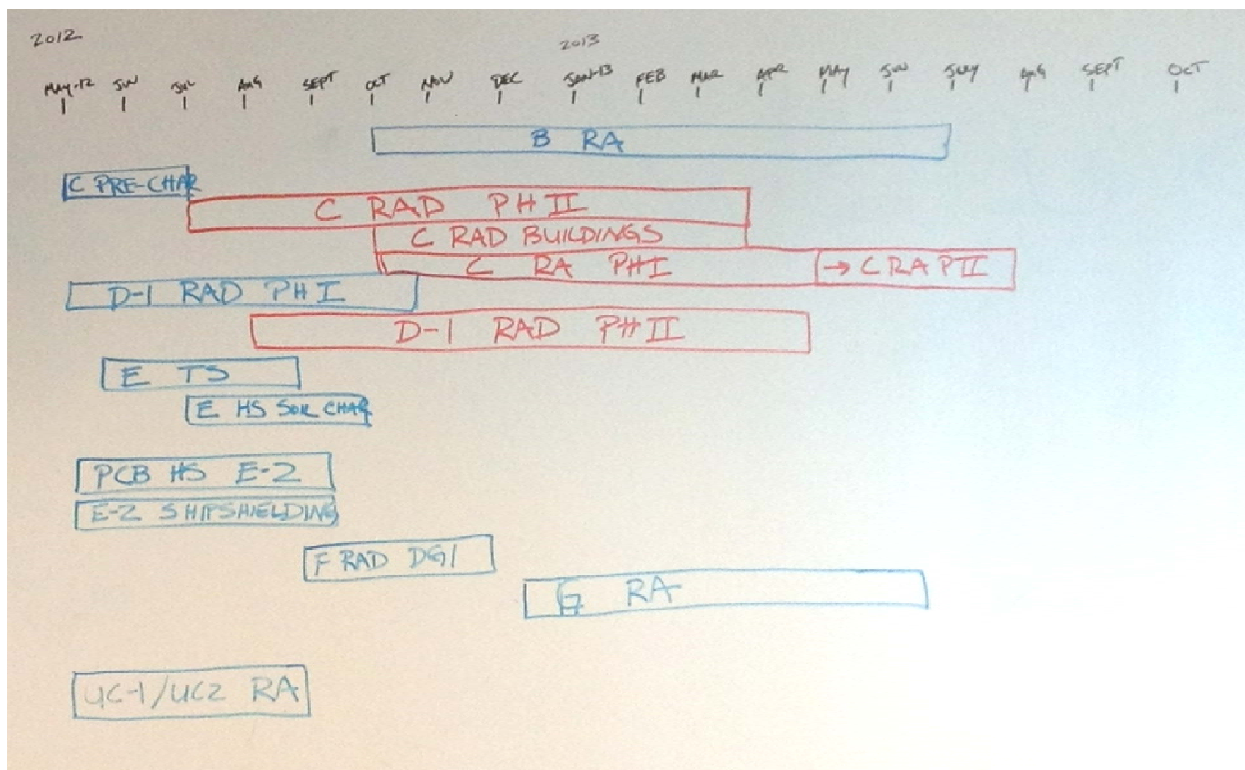
4.0 Parcel E IR-03 Non-aqueous Phase Liquid (NAPL) Characterization and Bench-scale Treatability Study Update (Hamide Kayaci, Navy)

Ms. Hamide Kayaci (Navy) presented the results of the bench-scale treatability study (TS) including the TS flow diagram, density and viscosity properties of the NAPL as a function of temperature, column test methodology, and column test results. Ms. Kayaci showed photographs of the instrumentation used to determine viscosity in the laboratory and a graph showing how the viscosity of the oil at the site plots against other common petroleum compounds. The oil found at the site is considered to be most similar to SAE 30 oil which is similar to machine oil. The NAPL at the site is likely a mixture of weathered diesel fuel, motor oil, and heavier gear oils with some possibility of bunker fuel.

Ms. Kayaci showed photographs of the soil column studies being conducted in the laboratory and described the process used during the study. The column tests conducted at 65 and 90 degrees Celsius did not show a reduction in petroleum hydrocarbons from within the soil column. The column tests conducted at 180 and 300 degrees Celsius both showed substantial reduction in petroleum hydrocarbon mobilization as well as enhanced destruction of these compounds. There are some big limitations to heating the ground and remediating this area. The Navy will need to look at other options than what was originally proposed at the site. Cleanup of this site will need to take a hybrid approach and might require additional data before a decision is made for the site.

5.0 Transfer Schedule Update (Melanie Kito, Navy)

Ms. Kito presented a diagram of the field work and reporting schedule from May 2012 through 2013. A photograph of this diagram, which was drawn on a white board, is presented below. Parcel B remedial action will begin in October 2012 and end in July 2013. Ms. Brownell noted that the remedial action work plan is scheduled for regulatory review in August 2012 and will need to be reviewed quickly in order for the Navy to get into the field by October. Ms. Kito noted that IR Sites 7/18 are finished and the site will be maintained before it gets transferred to the City. Concurrently, the radiological program will also start clearing the radiologically impacted buildings in Parcel C starting in October 2012 through April 2013. In addition, the remedial action for Parcel C will also begin in October 2012 and run through August 2013, and that program will be handled by the new RPM from the Alameda Point team.



Ms. Kito's diagram of the field work and reporting schedule from May 2012 through 2013

Ms. Kito noted that from July through October 2012, the Navy and the regulatory agencies need to determine how they are going to combine the pre-characterization survey, remedial design, and the work plan while still getting the radiological folks out into the field on Parcel C.

The radiological program at Parcel D-1 is currently ongoing and should be done in November 2012. The next phase of Parcel D-1 will occur in August 2012 if the Navy can relocate some of their radiological screening yards currently occupying Parcel D-1.

The characterization work currently being conducted in Parcel E will be included in the remedial action report. The hot spot characterization in Parcel E will begin in July 2012 and this will affect how things are implemented in the remedial design. The Parcel E characterization, Parcel E-2 polychlorinated biphenyl (PCB) hot spot removal and ship shielding investigation are all ending in September 2012 because the Navy's radiological laboratory is leaving the site around that time.

There is a lot of fieldwork planned for Parcel C but there will need to be lots of coordination between the Navy and its contractors to help ensure that there are no safety issues on the sites since there will be so much activity. To date, the Navy has not had a single safety violation on HPNS.

Ms. Brownell noted that the Parcel C remedial design will need a fast review by the regulatory agencies and the agencies will need to identify any big issues prior to finishing their review. Ms. Brownell asked if the agencies could get copies of the Navy's response to comments on the draft Parcel C remedial design before the revised remedial design is submitted for their review.

Ms. Kito also reminded the agencies that they are waiting for the agency concurrence letters or comments on the Parcel E radiological addendum to the feasibility study.

Ms. Brownell asked if the Navy could add the remedial action work plans to the schedule summary handed out at the meetings.

6.0 Community Involvement Update (Matt Robinson, CirclePoint)

Mr. Robinson (CirclePoint) noted that the Navy distributed their factsheet for the First Quarter 2012 to the email distribution list on May 16, 2012. The Navy will also provide copies to the community at the June community meeting.

The Navy taped a radio interview for KEST radio on April 11, 2012 concerning the general cleanup activities at HPNS and it aired on May 9, 2012. There is a tentative date set up for the Navy to conduct a phone interview for KSJO radio.

The Navy has been invited to speak at the Tabernacle group during a June service. The Navy will continue to follow up with the Third Street Corridor Project to schedule a meeting or presentation. In addition, the Navy has been in discussions with the Bayview Opera House about doing some outreach activities at the Sunday Streets festival and other opportunities throughout the year.

The June goals and objectives include finalization and printing of the general presentation materials including the HPNS annual fact sheet and the HPNS general environmental presentation. The community outreach team will also update the calendar of events and is looking into doing a mass mailing to the HPNS community via a newly purchased mailing list. The next public meeting will be June 27, 2012 at the Bayview YMCA. The Navy is trying to schedule a meeting with both the Cornerstone Church and True Hope Church of God and Christ during the June/July time frame. In addition, the Navy is looking into doing a radio interview on KPOO and is starting to plan for a July bus tour. Mr. Miya asked that the annual factsheet be forwarded to him once it's finished so he can distribute.

Mr. Forman noted that if the regulatory agencies would like they could collect split or confirmation radiological samples while the Navy is doing characterization in Parcel C. Mr. Cooper noted that their consultant now has money to do this concurrent sampling for soil gas in Parcel E-2 and also to have someone in the field to observe the Navy's sampling techniques.

Mr. Cooper noted his concerns about the Navy losing their onsite radiological laboratory. Ms. Kito responded that the Navy is trying to figure out a work-around and she will know more by next month's BCT meeting.

Ms. Kito will send out a fieldwork and report schedule similar to what was presented during the BCT meeting to the regulatory agencies after the final contracts have been awarded and the work is scheduled.

7.0 Action Items/Future Meetings (Melanie Kito, Navy)

- The Navy will send the CDPH the IR-7/18 Modeling Update Report for an over-the-shoulder review of the final set of changes prior to finalization of the report.
- The Navy will share the results of the groundwater sampling event near the RU-C2 area with the regulatory agencies.
- The Navy will send an over-the-shoulder review of the draft Remedial Design Parcel C RTCs to the agencies prior to the report issue date on July 15, 2012.
- The next BCT meeting will be held on June, 28 2012 at CH2M HILL's offices in Oakland, California. Action items are included as Attachment C.

ATTACHMENT A**HUNTERS POINT NAVAL SHIPYARD
MEETING ATTENDANCE SHEET**

Topic: BCT Meeting
Location: CH2M HILL
155 Grand Avenue
Oakland, CA
Date/Time: May 30, 2012 / 10:00 a.m.

Organization	Name	Phone Number	E-Mail Address	Present
Navy	Keith Forman	619-532-0913	keith.s.forman@navy.mil	X
	Melanie Kito	619-532-0787	melanie.kito@navy.mil	X
	Lara Urizar	619-532-0960	lara.urizar.ctr@navy.mil	
	Hamide Kayaci	619-532-0930	hamide.kayaci.ctr@navy.mil	X
	Chris Yantos	619-532-0952	christopher.yantos.ctr@navy.mil	X
	Simon Loli	619-532-0782	simon.loli.ctr@navy.mil	
	Laurie Lowman	757-887-7650	laurie.lowman@navy.mil	
	Matt Slack	757-887-4212	matthew.slack@navy.mil	
	Zack Edwards	757-887-4692	zack.edwards@navy.mil	
	Frank Fernandez	510-749-5936	franklin.d.fernandez@navy.mil	
	Jarvis Jensen	757-887-4483	jarvis.jensen@navy.mil	
	Adam Zwiebel	510-749-5947	adam.zwiebel@navy.mil	
	Shane Wells	510-749-5922	robert.s.wells@navy.mil	
	Bob Hunt	619-532-0962	robert.a.hunt2.ctr@navy.mil	
	Deb Theroux	619-532-0919	debra.theroux@navy.mil	
USEPA	Craig Cooper	415-947-4148	cooper.craig@epa.gov	X
	Jackie Lane	415-972-3236	Lane.jackie@epa.gov	
DTSC	Ryan Miya	510-540-3775	rmiya@dtsc.gov	X
Water Board	Ross Steenson	510-622-2445	rsteenson@waterboards.ca.gov	X
	Tina Low	510-622-5682	tlow@waterboards.ca.gov	X
CDPH	Jeff Wong	510-620-3423	jeff.wong@cdph.ca.gov	X
	Tracy Jue	916-324-4808	tracy.jue@cdph.ca.gov	X
	Kurt Jackson			
	Larry Morgan			
	Steve Hsu	916-440-7940	steve.hsu@cdph.ca.gov	X
CDFG	Charlie Wong			
City of SF	Amy Brownell	415-252-3967	amy.brownell@sfdph.org	X
Treadwell and Rollo	Sigrida Reinis	415-955-9040	sreinis@treadwellrollo.com	X
Geosyntec	Jeff Austin	415-218-0027	jasustin@geosyntec.com	
BVHP/Lennar	Steve Rottenborn	408-458-3205	srottenborn@harveyecology.com	

Organization	Name	Phone Number	E-Mail Address	Present
Tech Law Inc., <i>USEPA contractor</i>	Karla Brasaemle	415-762-0566	kbrasaemle@techlawinc.com	X
	Mary Snow			
<i>Navy Contractors</i>				
Tetra Tech EM, Inc.	Tim Mower	313-312-8874	tim.mower@ttemi.com	X
Tetra Tech EC, Inc.	Bill Dougherty	415-216-2731	bill.dougherty@tetrattech.com	
Sealaska Environmental Services	Doug Peeler		doug.peeler@sealaska.com	
	Deanna Rhodes			
CE2	Bruce Rucker	925-400-4586	rucker@ce2corp.com	X
	John Copland	925-463-7301	copland@ce2corp.com	
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	Gabriel Fuson	510-774-4115	gfuson@kleinfelder.com	
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KCH	Leslie Lundgren	415-541-7110	leslie.lundgren@ch2m.com	X
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	Ted Tyler	602-790-2492	etyler@kleinfelder.com	
ERRG	Doug Bielskis	925-726-4119	doug.bielskis@errg.com	X
	John Sourial	415-848-7103	john.sourial@errg.com	
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	Brett Womack	925-250-8077	bwomack@itsi.com	
	Ken Leonard	925-946-3263	kleonard@itsi.com	
	Jeff Hess	925-946-3104	jhess@itsi.com	X
	Arvind Archarya	510-719-6858	aacharya@itsi.com	X
	Kent Baugh		kbaugh@itsi.com	
Shaw Group	Wayne Akiyama	925-288-2003	wayne.akiyama@shawgrp.com	
	Ray Schul	415-822-1224	raymond.schul@sahwgrp.com	
	Ulrika Messer	619-241-9451	ulrika.messer@shawgrp.com	
	Steve Pierce			
Battelle	John Hardin	619-574-4827	hardinj@battelle.org	
AMEC	Alfonso Ang	415-278-2108	Alfonso.ang@amec.com	
	Jeff Fenton	707-793-3832	Jeffery.fenton@amec.com	
	Ray Hendry	303-807-4421		
PNNL	Steve Maheras			
Alliance	Tessa McRae	619-398-3220	tmcrae@onesullivan.com	X
	Wenqian Dou	415-321-1785	wdou@onesullivan.com	X
URS	Jerry Zimmerle	714-433-7738	jerome.zimmerle@urscorp.com	

Organization	Name	Phone Number	E-Mail Address	Present
CirclePoint	Matt Robinson	510-378-5511	m.robinson@circlepoint.com	X
CDM	Tamzen Macbeth	208-569-5147	macbethtw@cdm.com	
	Matt Brookshire	858-268-3383	brookshirems@cdm.com	
Arc Ecology	Martha Walters		rosewalt@aol.com	X
BCDC	Rafael Montes	415-352-3670	rafaelm@bcd.ca.gov	

ATTACHMENT B
HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX
May 30, 2012

May 06, 2012

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
Documents Historically Reviewed									
1	C	Draft Survey Unit Project Reports for Survey Units 202, 203, 205, and 206	2/9/12	3/12/12					
2	E	Final Final Status Survey Results, IR-04 Former Scrap Yard Site and Former Building 807 Site	2/10/12	n/a					
3	C	Final Pre_RA Initial Characterization Work Plan RU-C1, RU-C4, RU-C5	2/15/12	n/a					
4	E	Draft Work Plan Addendum to the Parcel E Groundwater Treatability Study	2/22/12	3/22/12		3/27/12	3/27/12	3/20/12	3/27/12
5	D-1	Draft Survey Unit Project Reports for Survey Units 264, 267, 274, 276, and 277	2/22/12	3/23/12			3/23/12		
6	B	Final Status Survey Report Submarine Quay Wall	2/22/12	n/a					
7	C	Draft Survey Unit Project Reports for Survey Units 207, 208, 209 and 211	2/24/12	3/26/12					
8	Basewide	Replacement Signature Page/CD for Semiannual Groundwater Monitoring Report (April - September 2011)	2/27/12	n/a					
9	E-2	Final SAP, Interim Monitoring and Maintenance for Landfill Gas Control Syst.	2/27/12	n/a					
10	F	Draft Pier Demolition Removal Action Completion Summary Report	3/21/12	4/21/12		4/18/12	4/19/12	4/20/12	4/19/12 (no comment)
11	D-1	Draft Survey Unit Project Reports for Survey Units 250, 251, 272, 273, and 275	3/6/12	4/6/12		4/6/12			

ATTACHMENT B
HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX
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Document Review Period Recently Completed									
1	E-2	Draft Record of Decision for Parcel E-2	3/14/12	5/15/12		4/19/12		5/14/12	5/26/12
2	B	Final RAD RACR	3/14/12	n/a					
3	D-1	Draft Work Package 103, Survey Units 252, 257, 259, 261, and 278	3/15/12	4/16/12			4/16/12		
4	UC-3	Final Radiological Removal Action Completion Report	3/16/12	n/a	concurrence		4/16/12		
5	B	Final Action Memorandum, Removal of UST 113A, IR Site 42	3/16/12	n/a					
6	C	Final Final Status Survey Results, Building 272	3/21/12	4/23/12					
7	Basewide	Final Addendum 3 to Final Amended Sampling and Analysis Plan for Basewide Groundwater Monitoring Program	3/21/12	n/a					
8	C	Final Final Status Survey Results, Building 271	3/23/12	4/23/12					
9	UC-1,2	Draft Remedial Action Work Plan	3/27/12	4/26/12		4/19/12	4/25/12	5/3/12	4/30/12
10	C	Draft SUPR for Survey Units 210, 212, 219, and 220	3/28/12	4/30/12			4/30/12		
11	B	Final Petroleum Hydrocarbon Corrective Action, Quarterly Monitoring Report, Second Quarter 2011	3/30/12	n/a					
Documents Currently Under Review									
1	B	Draft Petroleum Hydrocarbon Corrective Action, Quarterly Monitoring Report, Third Quarter 2011	4/6/12	5/4/12				5/9/12	
2	E	Draft Parcel E Soil Excavation Characterization Work Plan	4/9/12	5/9/12			5/9/12		5/21/12

ATTACHMENT B
HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX
May 30, 2012

3	C	Final, Final Status Survey Results, Building 203	4/10/12	5/11/12					
4	E	Final Survey Unit 201 Project Report	4/16/12	n/a					
5	E-2	Draft TCRA Work Plan for Ship Shielding Area	4/18/12	5/21/12		5/7/12	5/7/12	5/8/12	5/7/12 (no comments)
6	E-2	Final Landfill Gas Monitoring Report, January-March 2012, Post Removal Action	4/26/12	n/a					
7	D-1	Draft Survey Unit Project Report for Survey Units 253, 255, 262, 266, and 270	4/24/12	5/24/12			5/18/12		
8	C	Final, Final Status Survey Results, Building 241	4/24/12	5/23/12					
9	C	Draft Survey Unit Project Reports for Survey Units 213, 221, 226, and 231	4/25/12	5/25/12			5/22/12		
10	B	Final Remedial Action Completion Report for IR Sites 07 and 18	5/14/12	n/a					
11	B	Draft Petroleum Hydrocarbon Corrective Action, Quarterly Monitoring Report, Fourth Quarter 2011	5/11/12	6/11/12					5/21/12 (no comments)
12	C	Draft Petroleum Hydrocarbon Project Work Plan	5/18/12	6/18/12					
13	E	Draft Final Status Survey Results, Building 521	5/15/12	6/15/12					
14	E-2	Final Action Memo, TCRA for Ship Shielding	5/21/12	n/a					
15	D-1	Draft Work Package 104, Survey Units 258, 260, 263, 268, and 269	5/22/12	6/22/12					
16	D-1	Draft Work Package 106, Survey Units 271, 279, 280, 281, and 282	5/22/12	6/22/12					

ATTACHMENT B
HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX
May 30, 2012

Documents for Upcoming Review (next 3 months)									
1	UC-1,2	Final Remedial Action Work Plan	5/30/12	n/a	Date Tentative				
2	F	Final Pier Demolition Removal Action Completion Summary Report	6/7/12	n/a	Date Tentative				
3	E	Final Rad Addendum to Parcel E FS	6/7/12	n/a	Date Tentative				
4	E	Final Work Plan Addendum to the Parcel E Groundwater Treatability Study	6/12/12	n/a	Date Tentative				
5	E	Final Parcel E FS	6/14/12	n/a	Date Tentative				
6	E	Final Parcel E Soil Excavation Characterization Work Plan	6/14/12	n/a	Date Tentative				
7	E-2	Draft Final ROD to BCT	6/18/12	30 days from submittal date	Date Tentative				
8	E-2	Final TCRA Work Plan for Ship Shielding Area	6/27/12	n/a	Date Tentative				
9	F	Draft Radiological Data Gaps Investigation Tech Memo Phase 2a	6/30/12	30 days from submittal date	Date Tentative				
10	B,D-1,G, UC-2	Revised Draft Soil Vapor Investigation Tech Memo	6/30/12	30 days from submittal date	Date Tentative				
11	C	Draft Final Remedial Design	7/2/12	45 days from submittal date	Date is Tentative				
12	E	Draft Proposed Plan to BCT	8/3/12	30 days from submittal date	Date is Tentative				
13	E	Draft IR 03 Treatability Study Report	8/6/12	30 days from submittal date	Date is Tentative				
14	B	Draft Remedial Action Work Plan	8/14/12	30 days from submittal date	Date is Tentative				

ATTACHMENT B
HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX
May 30, 2012

15	G	Draft Remedial Action Work Plan	9/14/12	30 days from submittal date	Date is Tentative				
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Notes:

CDPH	California Department of Public Health	n/a	Not applicable
DTSC	Department of Toxic Substances Control	RI	Remedial investigation
EPA	U.S. Environmental Protection Agency	RTC	Response to comment
FOSL	Finding of suitability to lease	SF	San Francisco
FOST	Finding of suitability to transfer	TCRA	Time critical removal action
FS	Feasibility study	TPH	Total petroleum hydrocarbon
FSS	Final Status Survey	Water Board	San Francisco Bay Regional Water Quality Control Board

ATTACHMENT C**HUNTERS POINT NAVAL SHIPYARD BASE REALIGNMENT AND CLOSURE CLEANUP TEAM ACTION ITEMS**

Item No.	Action Item	Person Authoring the Action Item	Due Date	Person/Agency Committing to Action Item	Resolution Status
New Action Items					
1	The Navy will send the CDPH the IR 7/18 Modeling Update Report for an over-the-shoulder review of the final set of changes prior to finalization of the report.	Navy		Navy	
2	The Navy will share the results of the groundwater sampling event near the RU-C2 area with the regulatory agencies.	Navy		Navy	
3	The Navy will send an over-the-shoulder review of the draft RD Parcel C RTC's to the agencies prior to the report issue date on July 15, 2012.	Navy	Prior to July 15, 2012	Navy	